

Applicant requests the following Amendments be entered:

IN THE CLAIMS:

1. (Currently Amended) A latching mechanism and associated structure for a latching system, said system having a structure module and a latch housing module, the ~~system~~ latching mechanism comprising:
  - a. A bicuspid tooth mounted upon a cam mechanism;
  - b. A ~~cam~~latch anchor, likewise mounted on the cam mechanism said latch anchor situated between the cusps of the bicuspid tooth;
  - c. An actuator for the cam mechanism to bias the tooth and cam anchor; and
  - d. Associated structure on the structure module capable of receiving the bicuspid tooth and ~~cam~~ latch anchor;wherein the latching mechanism is situated within the housing module and the actuator rotates the cam mechanism, which then angularly biases the tooth and the anchor into the structure provided on the structure module.
2. (Currently Amended) The latching mechanism of claim 1, wherein the bicuspid tooth interfaces the structure module on opposite lateral sides and the ~~cam~~ latch anchor interfaces the structure module on a bottom side.
3. (Currently Amended) The latching mechanism of claim 2, wherein the cam mechanism positions the bicuspid tooth and ~~cam~~ latch anchor into three positions relative to the housing module, the bicuspid tooth being angled and the mechanism primarily displacing the tooth in an angular manner so that the first position allows for free motion of the housing module relative to the structure module, the second position, in which the bicuspid tooth is only marginally in contact with the structure module and the ~~cam~~ latch anchor is not in any

such contact, allows for unidirectional motion of the housing module and the third allows for no motion, both tooth and anchor being in secure contact with the structure module.

4. (Original Claim) The latching mechanism of claim 3, further comprising a safety latch located upon the actuator and interfacing with the housing module when in a locked position so as to prevent accidental actuation.

5. (Original Claim) The latching mechanism of claim 4 further comprising a laterally biasable interface tooth positioned to interface with the bottom side of the structure module.

6. (Currently Amended) A latching mechanism and associated structure for an adjustable stock, said stock having a mounting module and a stock module, the mechanism comprising:

- a. A rail track, located on an underside of the mounting module;
- b. A plurality of interface detents, located in pairs on opposite lateral sides of the mounting module;
- c. A cam actuated latch, located within the stock module in a manner to interface with the mounting module when the mounting module is inserted into to the stock module, the latch further comprising:
  - i. An actuator;
  - ii. a camming mechanism actuator,
  - iii. a ~~cam~~ latch anchor, in communication with the ~~cam~~ camming mechanism and positioned to interface with the rail track
  - iv. a bicuspid tooth in communication with the camming mechanism, the cusps positioned on opposite sides of the ~~cam~~ latch anchor and positioned to interface with one of a pair of the detents located on either lateral side of the mounting module;

wherein, the actuator ~~positions~~ rotates the camming mechanism, which then rotates the bicuspid tooth and latch anchor relative the mounting module.

7. (Currently Amended) The latching mechanism and structure of claim 6, the camming mechanism further comprising a three-staged mechanism, positioning the camming mechanism, and associated tooth and anchor, into open, single-direction open, and closed positions, the single-direction open position allowing no interface of the anchor with the mounting module and partial interface of the tooth with the detents in a manner to allow the stock module to be adjusted in a unidirectional manner relative to the mounting module.
8. (Currently Amended) The latching mechanism and structure of claim 8, wherein the tooth is actuated by the camming mechanism in an angular manner, and the detents are angled in a manner to facilitate unidirectional movement when the camming mechanism and tooth are positioned in the single-direction position.
9. (Original Claim) The latching mechanism of claim 8, further comprising a safety latch located upon the actuator and interfacing with the stock module when in a locked position so as to prevent accidental actuation.
10. (Original Claim) The latching mechanism and structure of claim 6, further comprising a rail interface tooth and the rail further comprises a channel dividing the rail in a longitudinal manner, the tooth being biased in a detent position between individual rails of the rail track so as to block relative motion of the stock module but also being biasable to interface with the channel so that relative motion of the stock is possible.
11. (Currently Amended) The latching mechanism and structure of claim 10, the cam mechanism further comprising a three-staged mechanism, positioning the camming mechanism, and associated tooth and anchor, into open, single-direction open, and closed positions, the single-direction open position allowing partial interface of the tooth with the

detents in a manner to allow the stock module to be adjusted in a unidirectional manner relative to the mounting module.

12. (Currently Amended) The latching mechanism and structure of claim 11, wherein the tooth is actuated by the camming mechanism in an angular manner, and the detents are angled in a manner to facilitate unidirectional movement when the camming mechanism and tooth are positioned in the single-direction position.

13. (Original Claim) The latching mechanism of claim 12, further comprising a safety latch located upon the actuator and interfacing with the stock module when in a locked position so as to prevent accidental actuation.

14. (Original Claim) The latching mechanism of claim 10, further comprising at least one clip, insertable within the rails of the rail track, thereby at least partially blocking the channel along the rail track and arresting motion of the stock module relative to the mounting module.

15. (Currently Amended) The latching mechanism and structure of claim 14, the camming mechanism further comprising a three-staged mechanism, positioning the camming mechanism, and associated bicuspid tooth and anchor, into open, single-direction open, and closed positions, the single-direction open position allowing partial interface of the tooth with the detents in a manner to allow the stock module to be adjusted in a unidirectional manner relative to the mounting module.

16. (Currently Amended) The latching mechanism and structure of claim 15, wherein the bicuspid tooth is actuated by the camming mechanism in an angular manner, and the detents are angled in a manner to facilitate unidirectional movement when the cam mechanism and bicuspid tooth are positioned in the single-direction position.

17. (Original Claim) The latching mechanism of claim 16, further comprising a safety latch located upon the actuator and interfacing with the stock module when in a locked position so as to prevent accidental actuation.